



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/694,930	10/27/2003	Wendell B. Colson	14/US/10	5081

20686 7590 02/25/2005

DORSEY & WHITNEY, LLP  
INTELLECTUAL PROPERTY DEPARTMENT  
370 SEVENTEENTH STREET  
SUITE 4700  
DENVER, CO 80202-5647

EXAMINER
----------

PUROL, DAVID M

ART UNIT	PAPER NUMBER
----------	--------------

3634

DATE MAILED: 02/25/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/694,930

Applicant(s)

COLSON ET AL.

Examiner

David M Purol

Art Unit

3634

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 18 November 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-3, 6-9 and 12-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3, 6-9, 12-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

Art Unit: 3634

1. The proposed drawing corrections filed on November 18, 2004 has been approved.
2. The terminal disclaimer filed on November 18, 2004 is proper and has been recorded.
3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claim 17 is rejected under 35 U.S.C. 102(b) as being clearly anticipated by British Patent No. 1,494,842. British Patent No. 1,494,842 discloses a sheet of fabric 2,6,10,11,19, at least two strings 3, vanes 1,7,12,13,17. Further disclosed is first and second sheets 29 with elongated strips of material 28,30 secured to and extending therebetween.

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-3,6-9,12,14-16,18 are rejected under 35 U.S.C. 103(a) as being unpatentable over British Patent No. 1,494,842 in view of Croxen '099. Regarding the

Art Unit: 3634

functional recitation of the vanes as capable of assuming an S-shape, Croxen '099 discloses vanes 16 having an S-shape, wherein, to incorporate this teaching into the vanes of British Patent No. 1,494,842 for the purpose of aesthetics would have been obvious to one of ordinary skill in the art. As to the specific type of material from which the sheets are composed of, it is a well settled issue that the selection of a known material based upon its suitability for the intended use would have been obvious to one of ordinary skill in the art. Regarding the use of adhesive for attaching the strings to the sheet, one having ordinary skill in the art would have readily recognized the advantages of adhesive for its explicit purpose of mechanically securing components together.

5. Claim 13 is rejected under 35 U.S.C. 103(a) as being unpatentable over British Patent No. 1,494,842 in view of Croxen '099 as applied to claims 1-3,6-9,12,14-16,18 above, and further in view of Brown '823. While British Patent No. 1,494,842 does not set forth the specifics of the hardware system which supports the covering, Brown '823 discloses a hardware system which includes a roller 4, wherein, to incorporate this teaching into the hardware system of British Patent No. 1,494,842 for the purpose of supporting the covering would have been obvious to one of ordinary skill in the art.

6. The applicants argue that in the prior art there is no disclosure of S-shaped vanes which have one face secured to a sheet of material along one edge and a second face secured to either a second sheet of material or at least two strings along a second edge. This is not convincing for Croxen '099 discloses the teaching of S-shaped vanes


Art Unit: 3634

and British Patent No. 1,494,842 discloses vanes secured to either sheets of material on each side or to at least two strings along an edge.

7. Any inquiry concerning this communication should be directed to David M Purol at telephone number 703/308-2168.

8. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

  
David M Purol  
Primary Examiner  
Art Unit 3634

DMP  
(703) 308-2168  
July 9, 2004